## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#       | Hits | Search Query  | DBs                                  | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|--------------------------------------|---------------------|---------|---------------------|
| L1         | 1805 | (438/199).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2009/09/02<br>14:14 |
| S1         | 3    | (("20020102801") or<br>("6245618") or<br>("5773348")).PN.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2008/09/15<br>10:41 |
| S2         | 1    | ("5,602,045").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2008/09/15<br>11:38 |
| S3         | 24   | ("4617066"   "5244820"  <br>"5413943").PN. OR<br>("5602045").URPN.          | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ                 | ON      | 2008/09/15<br>12:05 |
| S4         | 4    | (("6245618") or<br>("6180476") or<br>("6268640") or<br>("20010014495")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2008/09/15<br>15:18 |
| S5         | 3717 | amorph\$5 near4 implant<br>\$5  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ                 | ON      | 2008/09/15<br>15:44 |
| <b>S</b> 6 | 1574 | (438/199).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2008/09/15<br>15:45 |
| S7         | 76   | S5 and S6   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ                 | ON      | 2008/09/15<br>15:45 |
| S8         | 74   | S7 and source and drain   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ                 | ON      | 2008/09/15<br>15:46 |
| S9         | 40   | S8 and extension\$1   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ                 | ON      | 2008/09/15<br>15:47 |
| S10        | 0    | (70/184620).APP.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR                  | OFF     | 2008/09/15<br>16:27 |

| S11 | 1    | ("20070184620").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/15<br>16:28 |
|-----|------|--|--------------------------------------|-----|-----|---------------------|
| S12 | 1    | ("5318915").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/15<br>16:28 |
| S13 | 0    | S8 not S7  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/15<br>16:48 |
| S14 | 34   | S8 not S9  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/15<br>16:48 |
| S15 | 1    | ("6245618").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/15<br>17:01 |
| S16 | 15   | ("4633289"   "5602045"  <br>"5675176").PN. OR<br>("6245618").URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/15<br>17:01 |
| S17 | 1    | ("5773348").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>10:26 |
| S18 | 1576 | (438/199).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>10:30 |
| S19 | 1576 | S18  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:30 |
| S20 | 24   | ("4617066"   "5244820"  <br>"5413943").PN. OR<br>("5602045").URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:31 |
| S21 | 15   | ("4633289"   "5602045"  <br>"5675176").PN. OR<br>("6245618").URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:31 |
| S22 | 0    | S20 and S21  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:31 |
| S23 | 39   | S20 or S21   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:31 |
| S24 | 24   | S23 and amorph\$5  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:31 |

| S25         | 24  | \$24 and implant\$5   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>10:32 |
|-------------|-----|---|--------------------------------------|-----|-----|---------------------|
| S26         | 3   | (("5,908,307") or<br>("5,956,603") or<br>("5,966,605")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>10:59 |
| S27         | 139 | amorphizing near3<br>implantation   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:35 |
| S28         | 89  | S27 and channel   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:36 |
| S29         | 79  | S28 and source and drain  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:36 |
| S30         | 78  | S29 and dop\$4  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:36 |
| S31         | 54  | S30 and extension\$1  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:37 |
| S32         | 52  | S31 and gate  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:37 |
| S33         | 36  | S31 and gate near3<br>(dielectric or insulator)   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>11:37 |
| S34         | 7   | (("5145794") or<br>("5407838") or<br>("6089209") or<br>("20040235280") or<br>("20050158956") or<br>("6936505") or<br>("20070161219")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>11:48 |
| <b>S</b> 35 | 1   | ("7094639").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>11:58 |
| S36         | 1   | amorphizing near3<br>implantation near5 (pn-<br>junction or pn near2<br>junction)   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>12:06 |
| S37         | 2   | (amorphizing or<br>amorphization) near3<br>implantation near5 (pn-<br>junction or pn near2<br>junction)                                   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>12:07 |

| S38 | 15  | (amorphizing or<br>amorphization) near3<br>implantation near5<br>junction          | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>12:08 |
|-----|-----|--|--------------------------------------|-----|-----|---------------------|
| S39 | 13  | (amorphizing or<br>amorphization) near3<br>implantation near5<br>junction not \$37 | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2008/09/16<br>12:08 |
| S40 | 1   | ("6245618").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2008/09/16<br>14:03 |
| S41 | 2   | (("20030207527") or<br>("20020102801")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/23<br>13:43 |
| S42 | 1   | ("6245618").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/23<br>14:24 |
| S43 | 1   | ("4584026").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/23<br>14:50 |
| S44 | 137 | pre\$amorphizing   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>14:56 |
| S45 | 466 | ozturk   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>15:01 |
| S46 | 1   | ("5242847").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/23<br>15:03 |
| S47 | 100 | S44 and junction   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>15:50 |
| S48 | 11  | S44 and (pn near3 junction)  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>15:50 |
| S49 | 83  | S47 and source and drain and gate  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>16:16 |
| S50 | 71  | S49 and channel  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/23<br>16:16 |

| S51 | 1    | ("6372585").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>09:35 |
|-----|------|---|--------------------------------------|-----|-----|---------------------|
| S52 | 4    | (("6245618") or<br>("6180476") or<br>("6268640") or<br>("20010014495")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>09:41 |
| S53 | 1690 | (438/199).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>10:34 |
| S54 | 398  | S53 and amorph\$5   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/24<br>10:35 |
| S55 | 1    | ("2006/0008964").URPN.  | USPAT                                | ADJ | ON  | 2009/02/24<br>10:49 |
| S56 | 1    | ("6677194").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>10:51 |
| S57 | 504  | (438/528).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>15:55 |
| S58 | 98   | amorphiz\$3 and S57   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/24<br>15:57 |
| S59 | 1    | ("20020102801").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>15:58 |
| S60 | 1    | ("5773348").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/24<br>15:58 |
| S61 | 47   | S57 and amorphiz\$3 same (source or drain)                                  | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/02/24<br>16:15 |
| S62 | 1    | ("20070184620").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/25<br>10:00 |
| S63 | 1    | ("20040239357").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/02/25<br>11:21 |

| S64 | 1805 | (438/199).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/09/02<br>09:11 |
|-----|------|---|--------------------------------------|-----|-----|---------------------|
| S65 | 978  | (fet or field near2 effect<br>near2 transistor) and<br>amorphiz\$4          | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/09/02<br>09:14 |
| S66 | 24   | S64 and S65   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/09/02<br>09:14 |
| S67 | 1821 | "I24" and<br>@ad<"20040316"   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/09/02<br>09:15 |
| S68 | 7    | S66 and<br>@ad<"20040316"   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/09/02<br>09:15 |
| S69 | 583  | S65 and<br>@ad<"20040316"   | US-PGPUB;<br>USPAT;<br>USOCR         | ADJ | ON  | 2009/09/02<br>09:17 |
| S70 | 4    | (("6245618") or<br>("6180476") or<br>("6268640") or<br>("20010014495")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR  | OFF | 2009/09/02<br>09:47 |

9/2/2009 2:15:11 PM

 $\textbf{C:} \ \, \textbf{Documents and Settings} \\ \ \, \textbf{scampbell1} \\ \ \, \textbf{My Documents} \\ \ \, \textbf{EAST} \\ \ \, \textbf{Workspaces} \\$ 

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